

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053902.D
 Acq On : 21 Feb 2019 19:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/22/2019 10:31:01 AM

Quant Time: Feb 22 02:50:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	638516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	954869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	843616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	402882	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	315582	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	7.59	113	304160	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	10.09	98	1138880	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.40	95	373259	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	256310	46.203	ug/l	99
3) Chloromethane	2.06	50	321446	46.609	ug/l	99
4) Vinyl Chloride	2.19	62	359911	48.616	ug/l	98
5) Bromomethane	2.57	94	262766	48.467	ug/l	98
6) Chloroethane	2.71	64	234660	49.044	ug/l	99
7) Trichlorofluoromethane	3.02	101	510392	48.550	ug/l	100
8) Diethyl Ether	3.41	74	189870	51.378	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	316791	50.001	ug/l	99
10) Methyl Iodide	3.96	142	499138	53.126	ug/l	100
11) Tert butyl alcohol	4.78	59	107195	263.143	ug/l	99
12) 1,1-Dichloroethene	3.74	96	309426	52.220	ug/l	97
13) Acrolein	3.61	56	108851	373.850	ug/l	99
14) Allyl chloride	4.33	41	482416	53.794	ug/l	99
15) Acrylonitrile	4.99	53	573224	279.324	ug/l	100
16) Acetone	3.82	43	390269	217.462	ug/l	98
17) Carbon Disulfide	4.06	76	921569	50.215	ug/l	99
18) Methyl Acetate	4.33	43	228015	53.833	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	832139	55.352	ug/l	99
20) Methylene Chloride	4.55	84	348907	51.929	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	326990	52.578	ug/l	98
22) Diisopropyl ether	5.95	45	938260	56.126	ug/l	99
23) Vinyl Acetate	5.90	43	3391117	282.173	ug/l	100
24) 1,1-Dichloroethane	5.85	63	586997	51.863	ug/l	100
25) 2-Butanone	6.83	43	570706	246.442	ug/l	98
26) 2,2-Dichloropropane	6.83	77	401663	46.766	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	354978	50.953	ug/l	99
28) Bromochloromethane	7.19	49	241492	48.887	ug/l	99
29) Tetrahydrofuran	7.21	42	373504	249.390	ug/l	99
30) Chloroform	7.37	83	538235	47.327	ug/l	98
31) Cyclohexane	7.65	56	494142	47.654	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	461791	47.458	ug/l	99
36) 1,1-Dichloropropene	7.79	75	411882	47.059	ug/l	100
37) Ethyl Acetate	6.93	43	250882	47.632	ug/l	99
38) Carbon Tetrachloride	7.78	117	419716	48.034	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053902.D
 Acq On : 21 Feb 2019 19:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/22/2019 10:31:01 AM

Quant Time: Feb 22 02:50:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	494644	49.045	ug/l	100
40) Benzene	8.04	78	1258760	48.648	ug/l	100
41) Methacrylonitrile	7.18	41	130340	45.333	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	374290	48.523	ug/l	100
43) Isopropyl Acetate	8.16	43	446993	47.879	ug/l #	90
44) Trichloroethene	8.84	130	358859	49.543	ug/l	98
45) 1,2-Dichloropropane	9.12	63	324713	49.155	ug/l	98
46) Dibromomethane	9.21	93	196340	49.362	ug/l	98
47) Bromodichloromethane	9.40	83	415406	49.506	ug/l	99
48) Methyl methacrylate	9.20	41	207463	51.830	ug/l	95
49) 1,4-Dioxane	9.20	88	61061	943.235	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1180294	246.168	ug/l	99
52) Toluene	10.16	92	766170	49.967	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	420691	51.631	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	492111	51.242	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	284355	50.729	ug/l	98
56) Ethyl methacrylate	10.43	69	346071	48.102	ug/l	99
57) 1,3-Dichloropropane	10.71	76	467750	49.560	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	731094	227.042	ug/l	99
59) 2-Hexanone	10.75	43	732709	250.154	ug/l	100
60) Dibromochloromethane	10.90	129	328602	50.223	ug/l	99
61) 1,2-Dibromoethane	11.01	107	277191	49.776	ug/l	99
64) Tetrachloroethene	10.63	164	354089	46.939	ug/l	99
65) Chlorobenzene	11.44	112	846805	47.956	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	317780	49.316	ug/l	100
67) Ethyl Benzene	11.51	91	1415298	49.525	ug/l	100
68) m/p-Xylenes	11.62	106	1114374	100.710	ug/l	100
69) o-Xylene	11.95	106	537224	50.431	ug/l	100
70) Styrene	11.96	104	867736	51.909	ug/l	100
71) Bromoform	12.13	173	232194	50.775	ug/l #	99
73) Isopropylbenzene	12.25	105	1401288	49.372	ug/l	99
74) N-amyl acetate	12.07	43	335073	51.409	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	332386	49.534	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	272087m	46.005	ug/l	
77) Bromobenzene	12.53	156	374725	49.217	ug/l	99
78) n-propylbenzene	12.59	91	1600320	50.421	ug/l	100
79) 2-Chlorotoluene	12.67	91	947239	49.497	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1210368	51.376	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	89733	50.088	ug/l	98
82) 4-Chlorotoluene	12.77	91	957114	50.202	ug/l	100
83) tert-Butylbenzene	12.99	119	1075188	50.826	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1216138	51.468	ug/l	99
85) sec-Butylbenzene	13.17	105	1429092	50.174	ug/l	100
86) p-Isopropyltoluene	13.29	119	1264757	51.164	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	651749	49.055	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	633564	47.394	ug/l	99
89) n-Butylbenzene	13.61	91	1030164	50.677	ug/l	99
90) Hexachloroethane	13.87	117	225355	47.720	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	644991	49.482	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48797	49.835	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
Data File : VN053902.D
Acq On : 21 Feb 2019 19:38
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/22/2019 10:31:01 AM

Quant Time: Feb 22 02:50:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	353895	45.120	ug/l	98
94) Hexachlorobutadiene	15.01	225	235848	43.386	ug/l	99
95) Naphthalene	15.13	128	685135	43.518	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	343247	46.030	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

